

Tirzepatide

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| Cat. No.: | HY-P1731 |
| CAS No.: | 2023788-19-2 |
| Batch No.: | 427726 |
| Chemical Name: | L-Serinamide, L-tyrosyl-2-methylalanyl-L- α -glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methylalanyl-L-leucyl-L- α -aspartyl-L-lysyl-L-isoleucyl-L-alanyl-L-glutamyl-L-N6-[(22S)-22,42-dicarboxy-1,10,19,24-tetraoxo-3,6,12,15-tetraoxa-9,18,23-triazadotetracont-1-yl]-L-lysyl-L-alanyl-L-phenylalanyl-L-valyl-L-glutamyl-L-tryptophyl-L-leucyl-L-isoleucyl-L-alanylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl- |

PHYSICAL AND CHEMICAL PROPERTIES

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| Molecular Formula: | C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈ |
| Molecular Weight: | 4813.45 |
| Storage: | Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year |

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

Tyr-(Aib)-Glu-Gly-Thr-Phe-Thr-Ser-Asp-
Tyr-Ser-Ile-(Aib)-Leu-Asp-Lys-Ile-Ala-
Gln-(C₂₀ diacid-gamma-Glu-(AEEA)₂-
Lys)-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-
Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-
Pro-Ser-NH₂

ANALYTICAL DATA

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| Appearance: | White to off-white (Solid) |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.75% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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